



PTO/SB/08A (10-01)

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Substitute for form 1449A/PTO		Complete if Known	
		Application Number	10/743,639
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Filing Date	December 22, 2003
		First Named Inventor	John C. Bell
		Art Unit	1645
		Examiner Name	Robert A. Zeman
		Attorney Docket Number	18003-D1
Sheet	1	of	14

U.S. PATENT DOCUMENTS					
Examiner Initials ¹	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
RL		US- 5,215,745	06-1993	Csatary, et al.	—
RL		US- 5,273,745	12-1993	Schirmacher	—
RL		US- 5,585,096	12-1993	Martuza, et al.	—
RL		US- 5,602,023	12-1997	Csatary	—
RL		US- 5,124,148	06-1992	Csatary, et al.	—
RL		US- 5,677,178	10-1997	McCormick	—
RL		US- 6,110,461	08-2000	Lee, et al.	—
RL		US- 6,136,307	10-2000	Lee, et al.	—
RL		US- 6,033,886	03-2000	Conzelmann	—
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FOREIGN PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
RL		WO 97/01358	01-1997	—	—	
RL		WO 97/04805	02-1997	—	—	
RL		WO 94/18992	09/1994	—	—	
RL		WO 99/08692	02-25-1999	—	—	
RL		WO 94/25627	11-1994	—	—	
RL		JP (A) 58-116422	07-1983	—	—	
RL		WO 93/18790	09-30-1993	—	—	
RL		WO 86/00811	02-13-1986	—	—	
RL		WO 86/00529	01-30-1986	—	—	
RL		WO 99/29343	06-17-1999	—	—	

Examiner Signature	<i>Robert A. Zeman</i>	Date Considered	1/3/05
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RE		WO 99/55345	11-04-1999	_____	_____	
RE		WO 00/45853	08-10-2000	_____	_____	
RE		EP 0 564 121 A2	10-06-1993	_____	_____	
RE		GB 1,069,144	05-17-1967	_____	_____	
RE		WO 99/04026	01-28-1999	_____	_____	
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RE		WO 97/26904	07-31-1997	_____	_____	
RE		WO 96/03997	02-15-1996	_____	_____	
RE		WO 95/32706	12-07-1995	_____	_____	
RE		WO 89/07554	08-24-1989	_____	_____	

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RZ		Kirn, et al., "Replicating Viruses as Selective Cancer Therapeutics", Molecular Medicine Today, pages 519-527, December 1996.	
RZ		Heise, et al., "Onyx-015, an E1B gene-attenuated adenovirus, causes tumor-specific cytolysis and antitumoral efficacy that can be augmented by standard chemotherapeutic agents", Nature Medicine, Vol 3, No. 6, pages 639-645, June 1997.	
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RZ		Tanaka, et al., "Cellular Commitment to Oncogene-Induced Transformation or Apoptosis is Dependent on the Transcription Factor IRF-1", Cell, Vol. 77, pages 829-839, June 17, 1994.	
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RZ		Arroyo, et al., "Active specific immunotherapy with vaccinia colon oncolysate enhances the immunomodulatory and antitumor effects of interleukin-2 and interferon x in a murine hepatic metastasis model", Cancer Immunology Immunotherapy, Vol. 31, pages 305-311, 1990.	
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RZ		Reichard, et al., "Newcastle Disease Virus Selectively Kills Human Tumor Cells", Journal of Surgical Research, Vol 52, pages 448-453, 1992.	
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lk		Wheelock, et al., "Observation on the Repeated Administration of Viruses to a Patient with Acute Leukemia", The New England Journal of Medicine, Vol. 271, No. 13, pages 645-651, September 24, 1964.	
		Csatary, "Viruses in the Treatment of Cancer", The Lancet, page 826, October 9, 1971. *	
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		Kim, et al., "ONYX-015 selectively replicates in and lyses cells lacking functional p53", Proceedings for the American Association for Cancer Research, Vol. 37, page 352, March 1996. Abstract 2400.	

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RZ		Field, et al., "The pathogenicity of thymidine kinase-deficient mutants of herpes simplex virus in mice", J. Hyg., Camb., Vol. 81, pages 267-277, 1978.	
RZ		Spriggs, et al., "Attenuated reovirus type 3 strains generated by selection of haemagglutinin antigenic variants", Nature, Vol. 297, pages 68-70, May 6, 1982.	
RZ		Goldstein, et al., "Factor(s) Presented in Herpes Simplex Virus Type 1-Infected Cells Can Compensate for the Loss of the Large Subunit of the Viral Ribonucleotide Reductase: Characterization of an ICP6 Deletion Mutant", Virology, Vol. 166, pages 41-51, 1988.	
RZ		Perkus, et al., "Deletion of 55 Open Reading Frames from the Termini of Vaccinia Virus", Virology, Vol. 180, pages 406-410, 1991.	
RZ		Meignier, et al., "In Vivo Behavior of Genetically Engineered Herpes Simplex Viruses R7017 and R7020. II. Studies in Immunocompetent and Immunosuppressed Owl Monkeys (Aotus trivirgatus)", The Journal of Infectious Disease, Vol. 162, pages 313-312, 1990.	
RZ		Hughes, et al., "Vaccinia Virus Encodes an Active Thymidylate Kinase that Complements a cdc8 Mutant of Saccharomyces cerevisiae", Journal of Biological Chemistry, Vol. 266, No. 30, pages 20103-20109, October 25, 1991.	
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RZ		Taylor, et al., "Virus-Induced Regression of Tumor Growth", Journal of the National Cancer Institute, Vol. 44, pages 515-519, March 1970.	
RZ		Beattie, et al., "Host-Range Restriction of Vaccinia Virus E3L-Specific Deletion Mutants", Virus Genes, Vol. 12, No. 1, pages 89-94, 1996.	

Examiner Signature	<i>Robert Zeman</i>	Date Considered	1/3/05
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/743,639
		Filing Date	December 22, 2003
		First Named Inventor	John C. Bell
		Group Art Unit	1645
		Examiner Name	Robert A. Zeman
		Attorney Docket Number	18003-D1
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RZ		Howard, et al., "Retrovirus-Mediated Gene Transfer of the Human...Gene: A Therapy for Cancer", Annals New York Academy of Sciences, Duke University Medical Center, pages 167-187.	
RZ		Suskind, et al., US Dept. of Health, Education & Welfare, N.I.H., National Institute of Allergy and Infectious Disease, and N.C.I, Bethesda, MD., "Viral Agents Oncolytic for Human Tumors in Heterologous Host: Oncolytic Effect of Cocksackie B. Viruses, pages 309-318, October 29, 1956.	
RZ		Bluming, et al., "Regression of Burkitt's Lymphoma...Association with Measles Infection" The Lancet, pages 105-106, July 10, 1971.	
RZ		Pasquinucci, et al., "Possible Effect of Measles on Leukemia", The Lancet, page 136, January 16, 1971.	
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RZ		Holzaepfel, et al., "The Use of APC3 Virus as a Cancericidal Agent", Cancer, Vol. 10, Pages 577-580, May-June 1957.	
RZ		Smith, et al., "Studies on the Use of Viruses in the Treatment of Carcinoma of the Cervix", Cancer, Vol. 9, pages 1211-1218, November -December 1956.	
RZ		Rukavishnikova, et al. "Some Immunological Mechanisms of the Influenza Virus Antitumour Effect", Acta Virol., Vol. 20, pages 387-394, 1976	
RZ		Verma, et al., "Gene therapy-promises, problem and prospects", Nature, Vol. 389, pages 239-242, September 18, 1997.	

Examiner Signature	<i>Robert Zeman</i>	Date Considered	1/3/05
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		Group Art Unit	1645
		Examiner Name	Robert A. Zeman
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		Kalvakolanu, et al., "Differentiation-dependent activation of interferon-stimulated gene factors and transcription factor NF-kB in mouse embryonal carcinoma cells", Proc. Natl. Acad. Sci. USA, Vol. 90, pages 3167-3171, April 1993.	
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RZ		Coltran, et al., "Kinetics of Tumor Cell Growth", Robbins Pathologic Basis of Disease, 4th Edition, page 251.	
RZ		Schloer, et al., "Relationship of Plaque Size and Virulence for Chickens for 14 Representative Newcastle Disease Virus Strains", Journal of Virology, Vol. 2, No. 1, Pages 40-47, January 1968.	
RZ		Tait, et al., "A Phase I Trial of Retroviral BRCA1sv Gene Therapy in Ovarian Cancer", Clinical Cancer Research, Vol. 3, pages 1959-1968, November 1997.	
RZ		Martuza, et al., "Experimental Therapy of Human Glioma by Means of a Genetically Engineered Virus Mutant", Science, Vol. 252, pages 854-855, May 10, 1991.	
RZ		Hanson, et al., "Identification of Vaccine Strains of Newcastle Disease Virus", Science, Vol. 122, pages 156-157, July 22, 1955.	
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RZ		Asada, "Treatment of Human Cancer with Mumps Virus", Cancer, Vol. 34, pages 1907-1928, December 1974.	
RZ		Sreevalsan, "Chapter 14 Biologic Therapy with Interferon-x and B: Preclinical Studies", Biologic Therapy of Cancer: Principles and Practice, pages 347-364.	
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RZ		Zhang, "Attenuated newcastle disease virus for induction of interferons to combat neoplasm or viral disease, Database Caplus, on STN Colombus (OH): Chemical Abstract Serice, DN 116: 104333, CN 1054192A, Abstract, April 9, 1991.	
RZ		Gresser, et al., "Exogenous Interferon and Inducers of Interferon in the Treatment of Balb/c Mice inoculated with RC19 Tumor Cells", Nature, Vol. 223, pages 844-845, August 1969.	

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12		Csatary, et al., "Virus Vaccines for the Treatment of Cancer", Orvosi Hetilap, Vol. 131, pages 2585-2588, 1990.	
12		Eck, et al., "Gene-Based Therapy", Goodman & Gilman's The Pharmacological Basis of Therapeutics, Ninth Edition, Chapter 5, 1996.	
		Lorence, et al., "Complete Regression of Human Fibrosarcoma Xenografts after Local Disease Virus Therapy", Cancer Research, Vol 54, pages 6017-6021, December 1, 1994.	
		Lorence, et al., "Complete Regression of Human Neuroblastoma Xenografts in Athymic Mice after Local New Castle Disease Virus Therapy", Journal of the National Cancer Institute, Vol. 86, No. 169, pages 1228-1233, August 17, 1994.	
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		Abraham, et al., "Characterization of Transgenic Mice with Targeted...", The Journal of Biological Chemistry, Vol. 274, No. 9, pages 5953-5962, 1999.	
		Beretta, et al., "Expression of the protein kinases PKR...", Oncogene, Vol. 12 pages 1593-1596, 1996.	
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		Melville et al., "The Molecular Chaperone hsp40...", Pro.Natl. Acad. Sci, USA, Vol., 94, pages 97-102, 1997.	
		Mundschau, et al., "Endogenous inhibitors of hte dsRNA....", Biochimie, Vol. 96, pages 792-800, 1994.	
		Savinova, et al., "Abnormal levels and minimal activity...", The Int'l Journal of Biochemistry & Cell Biology.	
		Strong, et al., "The molecular basis of viral oncolysis..." The EMBO Journal, Vol. 71, No. 12, pages 3351-3362, 1998.	
		Stojdl, et al. "Exploiting tumor-specific defects...", Nature Medicine, Vol. 6, No. 7, pages 821-825, 2000.	
		Stojdl, et al. "The Murine Double-Stranded RNA-Dependent Protein...", Journal of Virology, Vol. 74, No. 20, pages 9580-9585, 2000.	
RZ		Fields Virology 3rd Edition. Lippincott, Williams and Wilkins, Philadelphia, PA, 1996, pages 1140-1141	

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